PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Application Number	10601741	
	Filing Date	2003-06-23	
INFORMATION DISCLOSURE	First Named Inventor Brya	n Starbuck	
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit	2154 2141	
(Not for Submission ander 57 STR 1.55)	Examiner Name	Bayard	
	Attorney Docket Number	MS303962.01/MSFTP438US	

					U.S.I	PATENTS			Remove		
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	issue C	ate	of cited Document Relevant				Lines where ges or Relev	
	1	6615242		2003-09	9-02	Riemers					
If you wish to add additional U.S. Patent citation information please click the Add button.											
	U.S.PATENT APPLICATION PUBLICATIONS Remove										
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publica Date	of cited Document			Releva	Columns, nt Passag Appear	Lines where ges or Relev	ant
D.B _.	1	20030041126	-	2003-0	2-27	Buford, et al.					
D.B.	2	20030088627		2003-0	5-08	Rothwell, et al.					
If you wis	h to ac	d additional U.S. Publi	shed Ap	plication	citation	n information p	please click the Add	button	Add	•	
				FOREIG	SN PAT	ENT DOCUM	ENTS		Remove		
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²		Kind Code ⁴	Publication Date	Name of Patented Applicant of cited Document	e or v F	vhere Rel	or Relevant	T5
	1										
If you wis	h to ac	dd additional Foreign Pa	atent Do	cument	citation	information pl	ease click the Add	button	Add		
			NON	-PATE	AT LITE	RATURE DO	CUMENTS		Remove		

Application Number 10601741 Filing Date 2003-06-23 First Named Inventor Bryan Starbuck Art Unit 2454 Z 141 Examiner Name Attorney Docket Number MS303962.01/MSFTP438US

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.							
D.B. 1 European Search Report dated April 6, 2006 and mailed April 6, 2006 for EP 04102242, 3 pages.									
D.B.	2	GRAHAM. "The Future of SPAM" (2003) Computer Journal, CSI Computer Security Institute, vol. 19, no. 1, 6 pages.							
If you wis	h to ac	dd additional non-patent literature document citation information please click the Add button Add	d						
		EXAMINER SIGNATURE							
Examiner	Signa	ture /Djenane Bayard/ Date Considered 03/2	8/2007						
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									
Standard ST 4 Kind of doo	r.3). ³ F cument	f USPTO Patent Documents at <u>www.USPTO.GOV</u> or MPEP 901.04. ² Enter office that issued the document, by the two-long Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place anstation is attached.	the patent docume	ent.					

PTO/SB/08a (08-03)

Approved for use through 07/31/2008. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Application Number	10601741	
	Filing Date	2003-06-23	
INFORMATION DISCLOSURE	First Named Inventor Brya	n Starbuck	
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit	2154 2141	
(Not lot bubiniosism under or or it not)	Examiner Name	Bayard	
	Attorney Docket Number	MS303962.01/MSFTP438US	

					U.S.I	PATENTS			Remove	
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue D)ate				Columns,Lines where int Passages or Relev s Appear	
	1									
If you wisl	h to ac	dd additional U.S. Pater	nt citatio	n inform	ation pl	ease click the	Add button.		Add	
****			U.S.P.	ATENT	APPLIC	CATION PUBL	ICATIONS		Remove	
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publica Date	ition	Name of Pate of cited Docu	entee or Applicant ment	Releva	Columns,Lines where int Passages or Release s Appear	
D.B.	1	20020199095		2002-12-00		Bandini, et al.				
D.B.	2	20030204569		2003-10-00		Andrews, et al.				
D.B.	3	20030009698		2003-01-00		Lindeman, et a	al.			
If you wisl	h to ac	dd additional U.S. Publi	shed Ap	plication	citation	n information p	lease click the Add	button	Add	
				FOREIG	SN PAT	ENT DOCUM	ENTS		Remove	
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²			Publication Date Name of Patentee Applicant of cited Document		or v	Pages,Columns,Lines where Relevant Passages or Relevan Figures Appear	T5
	1						·			

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number	10601741
Filing Date	2003-06-23
First Named Inventor	Bryan Starbuck
Art Unit	2154 2141
Examiner Name	Bayard
Attorney Docket Numb	er MS303962.01/MSFTP438US

If you wis	h to ac	d additional Foreign Patent Document citation information please click the Add button Add							
NON-PATENT LITERATURE DOCUMENTS Remove									
Examiner Initials* Cite No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.									
·	1								
If you wisl	n to ac	d additional non-patent literature document citation information please click the Add button Add							
		EXAMINER SIGNATURE							
Examiner	Signa	ure /Djenane Bayard/ Date Considered 03/28/2007							
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									
Standard ST 4 Kind of doo	¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.								

	Application Number	10601741	
INFORMATION BLOCK COURS	Filing Date	2003-06-23	
INFORMATION DISCLOSURE	First Named Inventor Br	an T. Starbuck	
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit	2154 Z141	
	Examiner Name	Bayard	
	Attorney Docket Number	MS303962.01/MSFTP438US	

				U.S.	PATENTS	Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
D.B	1	6742047		2004-05-25 ⁻	Michael Man-Hak Tso	
D.B.	2	6314421		2001-11-06	Sharnoff, et al.	
D.B.	3	6421709		2002-07-16	McCormick, et al.	
D.B.	4	6321267		2001-11-20	Albert L. Donaldson	
D.B.	5	6701440		2004-03-02	Kim, et al.	
D.B.	6	6167434	-	2000-12-26	Stephen Y. Pang	
D.B.	7	6732157		2004-05-04	Gordon, et al.	
D.B.	8	6643686	•	2003-11-04	Robert J. Hall	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	10601741
Filing Date	2003-06-23
First Named Inventor	Bryan T. Starbuck
Art Unit	2154- 2141
Examiner Name	Bayard
Attorney Docket Numl	

	9	6928465		2005-08-09	Jerry Brett Earnest		
If you wisl	n to ac	l dd additional U.S. Pater			l please click the Add button.	<u> </u>	Add
			U.S.P	ATENT APPL	ICATION PUBLICATIONS		Remove
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Releva	Columns,Lines where nt Passages or Relevant s Appear
D.B.	1	20010046307	A1	2001-11-29	Ping Wah Wong		
D.B.	2	20020073157	A1	2002-06-13	Newman, et al.		
D.B.	3	20040199594	A1	2004-10-07	Radatti, et al.		
D.B.	4	20020091738	A1	2002-07-11	Rohrabaugh, et al.		
D.B.	5	20040073617	A1	2004-04-15	Milliken, et al.		
D.B.	6	20030229672	A1	2003-12-11	Daniel Mark Kohn		
D.B.	7	20050015455	A1	2005-01-20	Gary G. Liu		
If you wis	h to a	dd additional U.S. Publi	shed Ap	plication citati	on information please click the Ad	d button	Add
				FOREIGN PA	TENT DOCUMENTS		Remove

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) Filing Date 2003-06-23 First Named Inventor Bryan T. Starbuck Art Unit Examiner Name Contact Contact Art Unit

Attorney Docket Number

Application Number

10601741

MS303962.01/MSFTP438US

Examiner Initial*	Cite No	Foreig Numb	gn Document per ³	Country Code ² į	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T5	
	1					·				
If you wist	h to a	dd add	tional Foreign Pa	atent Document	citation	information pl	ease click the Add buttor	n Add		
				NON-PATE	NT LITE	RATURE DO	CUMENTS	Remove		
Examiner Initials*	Examiner Initials* Cite No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.									
	1									
If you wis	h to a	dd add	tional non-paten	t literature docu	ment cit	ation informati	on please click the Add I	button Add		
				EX	AMINE	R SIGNATUR	E			
Examiner	Signa	iture	/Djenane B	avard/			Date Considered	03/28/2007		
	*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									
Standard ST	r.3). ³ F cument	or Japa by the a	nese patent docume	nts, the indication of	the year	of the reign of the	r office that issued the docume Emperor must precede the se dard ST.16 if possible. ⁵ Appli	rial number of the patent doc	ument.	

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Application Number		10601741		
	Filing Date		2003-06-23		
INFORMATION DISCLOSURE	First Named Inventor	Bryan	T. Starbuck		
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		2154 Zi41		
(Not for submission under 57 of K 1.55)	Examiner Name	Unkn	JWN Bayard		
	Attorney Docket Numb	er	MS303962.01/MSFTP438US		

					U.S.I	PATENTS			Remove		
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue D)ate	of cited Document Relevan				Lines where ges or Relev	
D.B.	1	6915334		2005-07	'- 0 5	Robert J. Hall					
If you wis	h to ac	dd additional U.S. Pater	nt citatio	n inform	ation pl	ease click the	Add button.		Add		
			U.S.P	ATENT	APPLI	CATION PUBL	ICATIONS		Remove		
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publica Date	ition	of cited Document				Lines where ges or Relev	
D.B.	1	20030009698	A1	2003-01	I - 09	Lindeman, et a		. •			
D.B.	2	20060036701	A1	2006-02	· ?-16	Bulfer, et al.					
If you wis	h to a	dd additional U.S. Publi	shed Ap	plication	citatio	n information p	lease click the Ado	d button	Add		
				FOREIG	GN PAT	ENT DOCUM	ENTS		Remove		
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²		Kind Code ⁴	Publication Date	Name of Patente Applicant of cited Document	e or V	vhere Rel	or Relevant	T5
	1										
If you wis	h to a	dd additional Foreign Pa	atent Do	cument	citation	information pl	ease click the Add	button	Add		
			NON	I-PATE	NT LITE	RATURE DO	CUMENTS		Remove		

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number		10601741					
Filing Date		2003-06-23					
First Named Inventor Bryan		T. Starbuck					
Art Unit		2154 2141					
Examiner Name Unknow		IOWIT Bayard					
Attorney Docket Number		MS303962.01/MSFTP438US					

Examiner Initials*	Cite No	aclude name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), ublisher, city and/or country where published.							
	1								
If you wis	n to ac	dd additional non-patent literature docume	ent citation information please click the Add button Add	!					
		EXA	MINER SIGNATURE						
Examiner	Signa	ture /Djenane Bayard/	Date Considered 03/28/2007						
oitation if	codes o	conformance and not considered. Include f USPTO Patent Documents at www.uspto.gov for Japanese patent documents, the indication of the	ot citation is in conformance with MPEP 609. Draw line through a e copy of this form with next communication to applicant. or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (very eyear of the reign of the Emperor must precede the serial number of the patent document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check ma	WIPO ocument.					

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Application Number	10	10601741		
	Filing Date	20	2003-06-23		
INFORMATION DISCLOSURE	First Named Inventor	Bryan T.	n T. Starbuck		
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit	21	154- 2141		
(Not for Submission under 57 Of it 1.55)	Examiner Name	1	Bayard		
	Attorney Docket Number	er MS	S303962.01/MSFTP438US		

				U.S.1	PATENTS		Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Releva	Columns,Lines where nt Passages or Relevant Appear
	1						·
If you wisl	n to ac	d additional U.S. Paten	t citatio	n information pl	ease click the Add button.		Add
			U.S.P.	ATENT APPLI	CATION PUBLICATIONS		Remove
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Releva	Columns,Lines where nt Passages or Relevant Appear
D.B.	1	20040015554	A1	2004-01-22	Brian Wilson		
D.B.	2	20040177120	A1	2004-09-09	Steven T. Kirsch		
D.B.	3	20030167311	A1	2003-09-04	Steven T. Kirsch		
D.B.	4	20040003283	A1	2004-01-01	Goodman, et al.		
D.B.	5	20030204569	A1	2003-10-30	Andrews, et al.		
If you wisl	n to ac	ld additional U.S. Publis	hed Ap	plication citation	n information please click the Add	button.	Add
				·	TENT DOCUMENTS		Remove

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	10601741
Filing Date	2003-06-23
First Named Inventor	Bryan T. Starbuck
Art Unit	2154 2141
Examiner Name	Bayard
Attorney Docket Numb	per MS303962.01/MSFTP438US

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² j	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T5			
	1										
If you wish to add additional Foreign Patent Document citation information please click the Add button Add											
NON-PATENT LITERATURE DOCUMENTS Remove											
Examiner Initials* Cite No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.											
	1										
If you wis	h to a	dd additional non-pa	tent literature docu	ment cit	ation informati	on please click the Add b	outton Add				
			E	CAMINE	R SIGNATUR	E					
Examiner	Signa	iture /Djena	ine Bayard/			Date Considered	03/28/2007				
						ormance with MPEP 609 with next communication					
Standard ST ⁴ Kind of doo	See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language translation is attached.										

Application Number 10601741 Filing Date 2003-06-23 First Named Inventor Bryan T. Starbuck Art Unit 2154 2141 Examiner Name Unknown— Bay av A Attorney Docket Number MS303962.01/MSFTP438US

D.B.	1		pean Search report dated February 23, 2007, mailed February 28, ber 05105308, 4 pages.	2007 for European Pa	tent Application Serial	
D.B.	D.B. 2 European Search Report dated July 5, 2006, mailed July 24, 2006 for European Application No. EP 06 01 2631, 3 f you wish to add additional non-patent literature document citation information please click the Add button Add EXAMINER SIGNATURE Examiner Signature //Djenane Bayard/ Date Considered 03/28/2007 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a					
If you wis	h to ac	dd add	ditional non-patent literature document citation information p	lease click the Add t	outton Add	
			EXAMINER SIGNATURE			
Examiner	Signa	ture	/Djenane Bayard/	Date Considered	03/28/2007	
			reference considered, whether or not citation is in conforma rmance and not considered. Include copy of this form with r			
Standard S ⁻ 4 Kind of do	T.3). ³ F cument	or Japa by the	TO Patent Documents at www.uspto.gov or MPEP 901.04. ² Enter office anese patent documents, the indication of the year of the reign of the Empe appropriate symbols as indicated on the document under WIPO Standard Son is attached.	eror must precede the ser	ial number of the patent doc	ument.

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Application Number	10601741		
	Filing Date	2003-06-23		
INFORMATION DISCLOSURE	First Named Inventor Bryan	n T. Starbuck		
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit	2154 2141		
(Not lot submission under or or it hop)	Examiner Name Unkn	OWN Bayard		
	Attorney Docket Number	MS303962.01/MSFTP438US		

U.S.PATENTS Re											
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue D)ate	Name of Pate of cited Docu		Lines where ges or Relev			
D.B	1										
if you wis	h to ac	dd additional U.S. Pater	nt citatio	n inform	ation pl	ease click the	Add button.		Add		
			U.S.P.	ATENT	APPLIC	CATION PUBL	LICATIONS		Remove		
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publica Date	ition	of cited Document				Lines where ges or Relev	
D.B.	1	20030320054	A1	2003-10)- 23	Cheng, et al.					
If you wisl	h to ac	dd additional U.S. Publi	shed Ap	plication	citation	n information p	lease click the Add	button	Add		
				FOREIG	SN PAT	ENT DOCUM	ENTS		Remove		
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²		Kind Code ⁴	Publication Date	Name of Patented Applicant of cited Document	e or V	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		T 5
D.B.	1	9967731	wo	wo		1999-12-29	Microsoft Corporation	on			
If you wisl	n to ac	dd additional Foreign Pa	atent Do	cument	citation	information pl	ease click the Add	button	Add		ármi.
			NON	-PATEN	NT LITE	RATURE DO	CUMENTS		Remove		
Examiner Initials*	Cite No	Include name of the audook, magazine, journ publisher, city and/or of	nal, seria	al, symp	osium, 🤇	catalog, etc), c	the article (when a late, pages(s), volu	ppropria ume-issu	te), title o le numbe	f the item r(s),	Ť5

MAR 2 1 2006 .

PTO/S8/08a (08-05)

Approhed for use through 07/31/2006. CMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
2.8 collection of information unless if contains a valid OMR could apple.

Under t	na Pan	BTWS	rik Reduction Act of 1985, no ne	reons are recylind to	raspond	to a collectio	or moments Con	nplete	if Kno	own	١
Subs	libite fo	r for	m 1449A/PTO MENTAL		API	tication Nu	nuper	10/601.	741		
30			AATION DISCLA	CHE	1	ng Date		06-23-2	2003		4
IN	FU	<n< th=""><th>MATION DISCL</th><th>JOONE JOANT</th><th>Fin</th><th colspan="2">First Named Inventor</th><th colspan="3">Bryan Starbuck</th><th>4</th></n<>	MATION DISCL	JOONE JOANT	Fin	First Named Inventor		Bryan Starbuck			4
Si	ΓΑΤ	E	MENT BY APPL	JUANI	Art	Unit		2154 7 141			4
				_	Ex	eminer Na	m9	6	304	ard	4
		(U	se as many sheets as necassa		AH	omey Doc	ket Number	MS303	962.b	1/MSFTP438US	
Sheet			1 0								7
	_	_		U. S. PATE	AL DC	CUMEN	TS of Palantee or		Pac	gas, Columns, Lines, Where	1
raminer eletth	Cile No.1		Document Number	Publication Date MM-DD-YYYY	1	Applicant	of Cited Docum	nent	Rek	evant Passages or Relevant Figures Appear	
- I		10	Number-Kind Code?	04-18-2000		Paul					_
D.B.		U	S- 6,052,709	04-10-2000							4
		L	3.								_
		1	s-		\dashv						┙
	L	L	<u> </u>								_
		1_	S-								
	<u> </u>		S-					-			
			18-	.							
		L	JS-	ļ -		<u> </u>					
		L	1\$-								
		Т.	US-			 -					\neg
		Ţ	U\$-			<u> </u>					7
		7	U\$-			ļ					7
		T	Ü9-			ļ			├-		7
	┧~~	十	ÚS-			 			├─		\neg
	1	7	ŲŠ-			 			├		_
		7	ÚŠ-			<u> </u>			├ ──		
	1	1	us-			ļ			-		-1
	+-	7	ÚS-			<u> </u>			<u> </u>		
		_		FOREIGN P	ATEN	T DOCU	MENTS				\dashv
		٦				silon Deta	Nome of	Patentee	or	Pages, Columns, Lines,	┍╽
Examiner	r Cit		Foreign Patent Do	. I		>YYYY	Applicant of	Cited Doc	ument	Where Rolevant Pessages or Relevant Figures Appear	
	1	-	Country Cod2 ³ Number ⁴ Kind Cods	(F 2/10467)							
		-			<u>-</u>						
	+										igspace
ļ		_			 -						
					 						<u> </u>
Examina			(D)	Bayard/				Date	erned	03/28/2007	

EXAMINER: Initial if reference considered, whether or not clistion is in conformance with MPEP 609. Draw line through distion if not in conformance and not examined the communication to applicant. I Applicant's unique distion designation number (optional). 2 Sea Kinds Codes of considered. Include copy of this form with next communication to applicant. I Applicant's unique distion designation number (optional). 2 Sea Kinds Codes of considered. Include copy of this form with next communication to application. I Applicant's unique distinguished (WIPO Standard ST.3). 4 For USPTO Patent Documents at www.isologov.org/ or MPEP 801.04. 3 Enter Office that issued the document, by the two-letter cade (WIPO Standard ST.3). 4 For USPTO Patent Documents, the Indication of the year of the retire of the Emperor must precade the serial number of the patent document. 5 Kind of document by appropriate symbols as indicated on the document under WIPO Standard ST.15 if possible. 6 Applicant is to piece a check mark here if English language the appropriate symbols as indicated on the document under WIPO Standard ST.15 if possible.

Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.88. The information is required to obtain or retain a banefit by the public which is to tile (and by the This collection of information is required by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete interpolation form to USPTO. Then will vary depending upon this individual case. Any comments including gathering, preparing, and submitting the complete of application from the USPTO. Then will vary depending upon this individual case. Any comments on the amount of time your require to complete this form another suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent on Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, cell 1-800-PTO-9199 and select option 2.

Substitute for form 1449B/PTO

RECEIVED CENTRAL FAX CENTER

Ø004/008

MAR 2 1 2006

Complete if Known

10/601.741

PTO/SB/08b (03-03)

Approved for use through 05/30/2009. OMB 0831-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unitess it contains a valid OMB control number.

Application Number

INFO	zMΔ.	TION DI	SCLO	SURE	Filing Date	06-23-2003		
TATS	FMF	NT BY	APPLI	CANT	First Named Inventor	Bryan Starbuc	:k	
SIMI	STATEMENT BY APPLICANT				Art Unit	9154 2i]
	(U\$e 86 i	many aheets =3	песевталу	,	Examiner Name	Bay	and	}
Sheet	Τ	2	ol	2	Altomay Docket Number	MS303962.0	MSFTP438US	_/
				NON PATE	T LITERATURE DOCUMENTS	3		\Box
Examiner Cite Include name of the author (in CAPITAI					LLETTERS), title of the art n, catalog, etc.), date, page and/or country where publ	ide (when approp (s), volume-issua Ished.		T²
D.B.		International S PCT/US04/05	Scarch Repo 501, 2 Page	ert detted January	17, 2006, mailed January 31, 20	006, for PCT Appli	cation Serial No.	
9351 - 25 4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -								
					<u></u>			
) 1 1 100 1 1 1 1 1 1 1					***************************************			-}
						"		
2424 04023 2 <u>4</u> mm aud 6 1 10 26 14					. ,			
			***************************************	1000000				
						pp		
	_					<u> </u>		+-
								-
Examiner		/Djenar	ne Baya	ard/		Date Considered	03/28/2007	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (options). 2 Applicant is to place a check mark here if English language Translation is estached.

1 Applicant's unique citation designation number (options). 2 Applicant is to place a check mark here if English language Translation is estached.

1 Applicant's unique citation designation number (options). 3 Applicant is obtain or retain a bonelli by the public which is to file (and by the This collection of Information is required by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, USPTO to process) an application. Confideralistify is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, unique complete application form to the USPTO. Then will vary depending upon the individual case. Any commands including generality, programments including generality to property and submitting the complete into formation forms to USPTO. Then will vary depending upon the individual case. Any commands in the applicant of open and of their your require to complete into form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Tratemark Office, U.S. Open and Tratemark Office, U.S

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

RECEIVED CENTRAL FAX CENTER

FEB 2 7 2006

PTO/SB/08a (08-03)

Approved for use through 07/31/2008, OMB 0551-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

		no centons are	regulard to re	spond to a collection of informati Co.	on unless it contains a valid OMB control number. mplete if Known
	SUPPLEMENTAL			Application Number	10/601,741
13	NFORMATION DISC	CLOSUF	RE	Filing Date	06-23-2003
	TATEMENT BY AF			First Named Inventor	Bryan Starbuck
-	MAILMENT DI AI	LION	••	Art Unit	2154 2141
	(Use as many sheets as no	cessary)		Examiner Name	Bayard
Shoot	T- 1	of	1	Attorney Docket Number	MS303962.01/MSFTP438US

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.	Document Number Number-Kind Code ^{2 or Account}	Publication Date NIM-OD-YYYY	Name of Patentes or Applicant of Cited Document	Pages, Columna, Unaa, Whare Relevant Passages or Relevant Figures Appear
D.B.		US- 6,971,023	11-29-2005	Makinson, et al.	
i		US- 6,775,704	08-10-2004	Watson, et al.	
		US- 6,505,250	01-07-2003	Freund, et al.	
		US- 6,047,242	04-04-2000	Beason	
		US- 6,732,273	05-04-2004	Byers	
		US- 6,393,465	05-21-2002	Lods	
V		US- 6,546,416	04-08-2003	Kirsch	
·		US- 6,330,590	12-11-2001	Соцев	
		US-			
****		Ų\$-			
		US-			
		US-			
		US	7.		
		US-			
	 	US-			
		us-			
	1	us-			
,	1	US-	T		
			FOREIGN PATE	NT DOCUMENTS	

	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cits No.1	Foreign Patent Document Country Code* Number* Kind Code* (J Answn)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Unes, Whore Relevant Passages or Relevant Figures Appear	74				
			1							

Examiner Signature	/Djenane Bayard/	Date Considered	03/28/2007

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with NPEP 608. Draw line through citation if not in conformance and not considered, include copy of this form with next commenceston to applicant. I Applicant's unique citation designation number (optional). I See Kinds Codes of USPTO Patent Documents at www.tscidin.edu or MPEP 901.04. I Enter Office that issued the document, by the two-latter code (WIPO Standard ST.3). I For Inspirate patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the parent document. Skint of document by the appropriate symbols as Indicated on the document under WIPO Standard ST.16 if possible. If Applicant is to place a check mark here if English language translation is attached.

Transistion is sitactised.

This collection of Information is required by 37 CFR 1.97 and 1.68. The information is required to obtain or retain a benealt by the public which is to tile (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the including case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief bridding (USP, Patent and Trademark Office, U.S. Department of Commence, P.O. Box 1450. Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS: SEND TO: Commissioner for Patents, P.O. Box 1450. Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JAN 2 0 2006

PTO/SB/08a (08-03)
Approved for use through 07/31/2008, OMB 0551-0031
U.S. Patent and Tredemark Office; U.S. DEPARTMENT OF COMMERCE

	Substitute for form 1449A/PTO			Co	ation unless it contains a valid OMB control of omplete if Known	MILION I
	SUPPLEMENTA INFORMATION	_		Application Number Filing Date	10/601,741	
	STATEMENT B			First Named Inventor	06-23-2003 Bryan Starbuck	
	(Use as many shee	ets as necessary)		Art Unit Examiner Name	3154 2141 Bayard	
S	heet 1	of	2	Attorney Docket Number	MS303962.01/MSFTP438US	

Examinor	Cite	Document Number	U. S. PATENT DOCUMENTS Publication Date Name of Patentine or		0		
inidala*	No.1	Number-Kind Code ^{2 (Floren)}	MM-DD-YYYY	Applicant of Cited Document	Pages, Cohmns, Lines, Where Relevant Passages or Relevant Figures Appear		
D.B.		US- 6,074,942	Stockwell, et al.	06-06-2000			
		US- 6,199,102	Cobb	03-06-2001			
		U\$+ 6,477,551	Johnson, et al.	11-05-2002	·		
		US- 6,107,531	Eggleston, et al.	08-08-2000			
λL		US- 5,884,033	Duvell, et al.	03-16-1999			
		US- 6.484,261	Wiegel	11-19-2002			
		Us-		 			
]		US-		T			
		US-		† 			
		US-		 			
		uş.		 			
		US.	 				
		US-		-			
		VS-		 			
	7	US-		 			
		US-		 	·		
		Us-		 			
	-	Us-					

	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Foreign Patent Document Country Cods ³ Number ⁶ Nand Code ⁶ (# known)	Publication Data MM-DD-YYYY	Name of Patentine or Applicant of Cited Document	Pages, Columns, Lines, Where Refevant Passages or Relevant Figures Appear	70				
,					Service Appear					

Examiner Signature /Djenane Bayard/ Dete Constituted 03/28/2007

EXAMINER: Initial if reference considered, whather or not cliation is in conformance with MPEP 509. Draw line through cliation if not in conformance and not considered, include copy of this form with next communication to applicant? USPTO Patent Documents at www.uspro.nov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the tradication of the year of the reign of the Emperor must precede the sental number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 9 Applicant is to place a check mark here if English language.

the appropriate symbols as indicated on the occurrent under WIPO Standard ST.16 if possible. 8 Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete instuding gathering, preparing, and submilling the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this term antifor suggestions for reducing this burden, should be sem to the Chief information officer, U.S. Petent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patients, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need essistance in completing the form, call 1-800-PTO-9189 and select option 2.

RECEIVED CENTRAL FAX CENTER

2004/009

JAN 2 0 2006

PTC/S8/88b (08-03)
Approved for use through 06/20/2006. OMB 0551-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no parsons are required to respond to a collection of Information unless 0 contains a valid OMB control number.

• • •			Complete if Known
• • • • • • • • • • • • • • • • • • • •			10/601,741
			06-23-2003
STATEMENT BY AP	PLICANT	First Named Inventor	Bryan Starbuck
Abs as mass .	_	Art Unit	2154- 2141
		Examiner Name	Bayan
Sheet	of 2	Attorney Dacket Number	MS303962.01/MSFTP438US
	(Use as many shoots as need	SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many shoots as necessary)	SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many shorts as necessary) Examiner Name Application Number Filing Date First Named Inventor Art Unit Examiner Name

Cite		
No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	Written Opinion of the International Preliminary Examining Authority mailed November 30, 2005 for PCT/US03/41526, 5 pages.	T
		_
		-
		Written Opinion of the International Preliminary Examining Authority mailed Newspher 30, 2005 for PCC/4150244 Co.

Examiner Signature	/Djenane bayaru/	·	Date Considered	03/28/2	2007
PEVALABIED.	Fulled Mandages and the same an				

EXAMINER: Initial 8 reference considered, whether or not criation is in conformance with MPEP 608. Draw tine through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to piace a check mark here if English language Translation is effected.

This collection of information is required by 37 CPR 1.97 and 1.88. The information is required to obtain or retain a benefit by the public which is to the (and by the USPTO by process) an application. Comfloeredaily is governed by 35 U.S.C. 122 and 37 CPR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Then will vary depending upon the individual case. Any comments on the amount of time you require to complete this form antifor suggestions for reducing this burdon, should be sent to the Chief Information Officer, U.S. Patern and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEED OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, cell 1-200-PTO-9153 and select option 2.

PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0851-0031 U.S. Petent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

tion Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known

GOODING TO SOUTH TO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number 10/601,741 Filing Date June 23, 2003 First Named Inventor Bryan T. Starbuck Art Unit 2154 214 Unknown-Buy **Examiner Name**

(Use as many sheets as necessary)

Attorney Docket Number Sheet

	T		Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Examiner Initials*	Cite No.1	Document Number	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant
	├	Number-Kind Code ^{2 (f known)}	1.0.00	5	
D.B.	İ .	^{US-} 2002/199095	12-26-2002	Bandini, et al.	<u> </u>
D.B.		^{US-} 6,757,830	06-29-2004	Tarbotton, et al.	
_D.B.		^{US-} 6,453,327	09-17-2002	Nielsen	
		US-			
		US-			
-		US-			
		US-			
	†	US-			
	†*****	US-			
	1	US-			
	†	US-			
	 	US-			
	 	US-			
		US-			
	1	ÜS-			
		US-			
	+-	US-			
	+	US-			
	+-	US-			

		FOREIC	ON PATENT DOCU	MENTS	•	
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	T6
		Country Code ³ Number ⁴ Kind Code ⁵ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	
D.B.		WO 2004/059506	07-15-2004	Commtouch Software, Ltd.		
						↓
				<u> </u>		<u> </u>
						

Examiner Signature	/Djenane Bayard/	Date Considered	03/28/2007
Signature	75 joriano Bajara		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. 'Applicant is to place a check mark here if English language

Translation is attached.
This collection of Information is required by 37 CFR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PT 20EN

Application Number

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

of

2

Filing Date June 23, 2003 **First Named Inventor** Bryan T. Starbuck Art Unit 2154 2141 **Examiner Name** Buyard Unknown-

10/601,741

(Use as many sheets as necessary)

Sheet

Attorney Docket Number MS303962.01/MSFTP438US

Examiner Initials*	Cite No. ¹	NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
D.B.		Partial European Search Report, EP33823TE900kap, mailed 6-21-05	
			
-			

·····			

Examiner Signature	/Djenane Bayard/	Date Considered	03/28/2007
Signature			

^{&#}x27;EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy or this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03) MAR 2 9 2005 Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/ AADEMA SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Under the Paperwork

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/601,741				
Filing Date	June 23, 2003				
First Named Inventor	Bryan T. Starbuck, et al.				
Art Unit	2154-2141				
Examiner Name	MS303962.01/MSFTP438US				
Attorney Docket Number	M\$303962.01/MSFTP438US				

to a collection of information unless it contains a valid OMB control number.

	U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ² (F known)			rigules Appeal	
D.B.		^{US-} 2003/088627	05-08-2003	Rothwell, et al.		
		US-				
		US-				
		US-				
		US-				
		US-				
		US- ·				
	<u> </u>	US-				
	1	US-				
		ŪS-				
	1	US-				
	+-	US-				
	╁┈─	US-				
	 	U\$-				
	†	US-				
	 	US-				
	 	US-				
	 	US-				
	+	US-				

no persons are required to respond

		FORE	IGN PATENT DOCL	IMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
,,,,,,,,,,		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T°
D.B.		WO 02/071286	09-12-2002	MessageLabs, Ltd.		
				·		Ŀ
				<u> </u>		ــ
						<u> </u>
	1					

Examiner		Date	
	!	Considered	
Signature	<u> </u>		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Aligned the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is statished.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) on application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

2

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE ons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of

Sheet

	Complete if Known	_		
Application Number	10/601,741			
Filing Date	June 23, 2003			
First Named Inventor	Bryan T. Starbuck, et al.			
Art Unit	2154 ZIYI			
Examiner Name	Unknown Bayard			
Attorney Docket Number	MS303962.01/MSFTP438US			

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
D.B.		European Search Report, EP31102NN904awe, mailed 1/27/05	
D.B.		YU WU, et al., A New Anti-Spam Filter Based on Data Mining and Analysis of Email Security, Conference Proceedings of the SPIE, Data Mining and Knowledge Discovery Theory, Tools and Technology V, vol. 5098, 21 April 2003, pp. 147-154, Orlando, FL, USA	
D.B.		MASSEY, B., et al., Learning Spam: Simple Techniques for Freely-Available Software, Proceedings of Freenix Track 2003 Usenix Annual Technical Conference, Online!, 9 June 2003, pp. 63-76, Berkley, CA, USA	
D.B.		GRAHAM, P., The Future of Spam, Computer Security Journal, CSI Computer Security Institute, vol. 19, no. 1, January 2003, pp. 1-5	
D.B.		GRAHAM, P., A Plan for Spam, Online!, August 2002, XP002273602, http://www.paulgraham.com/spam.html, retrieved on 2004-03-12	
D.B.		Partial European Search Report, EP31102RK900df, mailed 10/19/04	

_				
ſ	Examiner	/Djenane Bayard/	Date	03/28/2007
١	Signature	10 jonano bayara	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 frours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE sperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet

(Use as many sheets as necessary)

Complete if Known

Application Number 10/601,741

Filing Date June 23, 2003

First Named Inventor Bryan T. Starbuck, et al.

Art Unit 2154 2141

Examiner Name Unknown 303962.01/MSFTP438US

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
D.B.		^{US-} 6,112,227	08-29-2000	Heiner	
D.B.		^{US-} 6,199,102	03-06-2001	Cobb	
D.B.	1	us- 2003/204569	10-30-2003	Andrews, et al.	
		US-			
		US-			
	1	US-			
		US-			
		US-			
		US-			
		US-			•
		US-			
		US-			
		US-		,	
		US-			

		FOREIG	ON PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	T°
D.B.		EP 1376427	03-26-2003	Microsoft Corporation		

Examiner Signature	/Djenane Bayard/	Date Considered	03/28/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional): See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. In the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03)

Approved for use through 07/31/2006, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Reservork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

SERVINE DO Torm 1449/PTO
SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of

2

2

Sheet

Complete if Known

Application Number 10/601,741

Filing Date June 23, 2003

First Named Inventor Bryan T. Starbuck, et al.

Art Unit 2154 2 141

Examiner Name Unknown Bay and Attorney Docket Number MS303962.01/MSFTP438US

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
D.B.		European Search Report, EP31087TE900, mailed 11-11-04	
D.B.		J. BYRNE, My Spamblock, Google, January 19, 1997, 2 pages	
D.B.		D. F. SKOLL, How to Make Sure a Human is Sending You Mail, Google, November 17, 1996, 2 pages	·
D.B.		L. M. BOWMAN, Hotmail Spam Filters Block Outgoing E-Mail, CNET NEWS.COM, January 18, 2001, 3 pages	
		·	

Examiner	/Djenane Bayard/	Date	03/28/2007
Signature		Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Approved for use through 07/31/2008. OMB 0651-0031

Attomey Docket Number MS303962.01/MSFTP438US

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE equired to respond to a collection of information unless it contains a valid OMB control number. Under the Paperwork Reduction Act of 1995, no persons Complete if Known Substitute for form 1449A/PTO Application Number 10/601,741 SUPPLEMENTAL INFORMATION Filing Date 6/23/03 DISCLOSURE STATEMENT First Named Inventor Bryan T. Starbuck **BY APPLICANT** Art Unit 2154 214 Examiner Name Unknown Bayard (Use as many sheets as necessary)

Sheet

U. S. PATENT DOCUMENTS Publication Date Name of Patentee or Pages, Columns, Lines, Where **Document Number** toitials* No 1 MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant Number-Kind Code^{2 (# long} Figures Appear US- 6,779,021 D.B. 08-17-2004 Bates et al. US- 6,732,149 05-04-2004 Kephart US- 6,728,690 04-27-2004 Meek et al. US- 6,691,156 02-10-2004 Drummond et al. ^{US-} 6,684,201 01-27-2004 Brill US- 6,633,855 10-14-2003 Auvenshine US- 6,592,627 07-15-2003 Agrawal et al. US- 2002/0059425 05-16-2002 Belfiore et al. US- 6,434,600 08-13-2002 Waite et al. US- 6,424,997 07-23-2002 Buskirk, Jr. et al. US- 6,370,526 04-09-2002 Agrawal et al. US- 6,327,617 12-04-2001 Fawcett US- 6,308,273 10-23-2001 Goertzel et al. US- 2002/0016956 02-07-2002 Fawcett US- 5,905,859 05-18-1999 Holloway et al. US- 5,805,801 09-08-1998 Holloway et al. US- 2004/0139165 07-15-2004 McMillan et al. US- 2004/0139160 07-15-2004 Wallace et al.

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ 'Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁰	
					***************************************	Г	
						П	
				***************************************	***************************************	П	

	Examiner Signature	/Djenane Bayard/	Date Considered	03/28/2007
--	-----------------------	------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO-to-process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0551-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
der the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

	ostitute for form 1449A/PTO	/	SIPE	Complete if Known		
			5015	Application Number	10/601,741	
SUPP	LEMENTAL INFORMAT	rioŊ	CT 1 2 2004	Filing Date	6/23/03	
DISCL	OSURE STATEMENT	2	<u> </u>	First Named Inventor	Bryan T. Starbuck	
BY AF	PPLICANT	13	, stor	Art Unit	2134 2141	
	CUse as many sheets as need 2	esser	MADEMAN	Examiner Name	Unknown Bay and	
Sheet	2	of	5	Attorney Docket Number	MS303962.01/MSFTP438US	

			U. S. PATENT		
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
D.B.		US- 2004/0093371	05-13-2004	Burrows et al.	
D.B.		US- 2004/0054887	03-18-2004	Paulsen et al.	
DB		US- 2003/0037074	02-20-2003	Dwork et al.	
		US-			
		US-			
		US-		·	
··· ··· ··	-	US-			
		US-			
······		US-			•
		US-			
		US-			*
		US-			
		US-			
		US-			
		US-	· · · · · · · · · · · · · · · · · · ·		

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ Number ⁴ 'Kind Code ⁶ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	™	
					·	Π	
			, , , , , , , , , , , , , , , , , , ,		**************************************		
				***************************************	·		
		•••••••••••••••••••••••••••••••••••••••		**************************************	(###)		
***************	1	·	***************************************				

	Examiner Signature	/Djenane Bayard/	Date Considered	03/28/2007	_
--	-----------------------	------------------	--------------------	------------	---

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitut	e for form 1449/PTO			Complete if Known			
	PLEMENTA	AL		Application Number	10/601,741		
INFORMATION DISCLOSURE				Filing Date	6/23/03		
STA	STATEMENT BY APPLICANT			First Named Inventor	Bryan T. Starbuck		
(Use as many sheets as necessary)				Art Unit	215 4 2141		
				Examiner Name	Unknown Buy and		
Sheet	3	of	5	Attomey Docket Number	MS303962.01/MSFTP438US		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
D.B		D. TURNER et al., Payment-based Email. 5th International Conference on Software Engineering, Artificial Intelligence, Networking, and Parallel/Distributed Computing, June 2004. 7 pages.	
D.B.		D.A. TURNER et al., Controlling Spam through Lightweight Currency. In Proc. of the Hawaii International Conference on Computer Sciences, January 2004. 9 pages.	
D.B.		FABRIZIO SEBASTIANI. Machine Learning in Automated Text Categorization. ACM Computing Surveys, Vol. 34 Issue 1, pp. 1-47, 2002.	
D.B.		I. ANDROUTSOPOULOS, et al. Learning to Filter Spam E-mail: A Comparison of a Naive Bayesian and a Memory-based Approach. 4th PKDD's Workshop on Machine Learning and Textual Information Access, 2000. 13 pages.	
D.B.		I. ANDROUTSOPOULOS, et al., An Experimental Comparison of Naive Bayesian and Keyword-based Anti-spam Filtering with Personal E-mail Messages. Proceedings of the 23rd ACM SIGIR Conference, pp. 160-167, 2000.	
D.B.		P. PANTEL, et al., SpamCop: A Spam Classification & Organization Program. In Proc. AAAI-1998 Workshop on Learning for Text Categorization, 1998. 8 pages.	
D.B.		G. MANCO, et al., Towards an Adaptive Mail Classifier. In Proc. of Italian Association for Artificial Intelligence Workshop, 2002. 12 pages.	
D.B.		CORMAC O'BRIEN, et al., Spam Filters: Bayes vs. Chi-squared; Letters vs. Words, Proceedings of the 1st international symposium on Information and communication technologies, 2003, pp.291-296, Dublin, Ireland.	
.B.		OLLE BALTER, et al., Bifrost Inbox Organizer: Giving users control over the inbox, NordiCHI 10/02, 2002, pp.111-118, Arhus, Denmark.	
D.B.		LORRIE FAITH CRANOR, et al., Spam!, Communications of the ACM, 1998, pp. 74-83, Vol. 41-No.8.	

Examiner	/D: D	Date	00/00/0007
Signature	/Djenane Bayard/	Considered	03/28/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03) Approved for use through 07/31/2006. OMB 0651-0031

	U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERC
Under the Paperwork Reduction Act of 1995.	no parsons are required to respond to a collection of information unless it contains a valid OMB control number

Substitut	e for form 1449/PTO			Complete if Known		
	PLEMENTA	\L		Application Number	10/601,741	
INFO	DRMATION	I DIS	CLOSURE	Filing Date	6/23/03	
STATEMENT BY APPLICANT				First Named Inventor	Bryan T. Starbuck	
	(Use as many she	ate ae a	ececcend	Art Unit	2164- 2141	
	(oso os many sno			Examiner Name	Unknown Bajans	
Sheet	4	of	5	Attorney Docket Number	MS303962.01/MSFTP438US	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
D.B.		JOHN WONG, Preventing Spams and Relays, Linux Journal, December 1998, 6 pages, Vol. 1998 Issue 56es, Specialized Systems Consultants, Inc.	
D.B.		MENG WENG WONG, SPF Overview, Linux Journal, April 2004, 6 pages, Vol. 2004 Issue 120, Specialized Systems Consultants, Inc.	
D.B.		Stop, in the Name of Spam, Communications of the ACM, November 1998, pp.11-14, Vol. 41 No. 11, ACM	
D.B.		ERIC ALLMAN, Spam, Spam, Spam, Spam, Spam, the FTC, and Spam, Queue, September 2003, pp. 62-69, Vol. 1 Issue 6, ACM	
D.B.		TOM FAWCETT, "In vivo" Spam Filtering: A Challenge Problem for KDD, SIGKDD Explorations, December 2003, pp. 140-148, Vol. 5 Issue 2, ACM	
D.B.		J.D.M. RENNIE, ifile: An Application of Machine Learning to E-Mail Filtering. Proceedings of the KDD-2000 Workshop on Text Mining, Sixth ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, 2000. 6 pages.	
D.B.		S. ARGAMON, et al., Routing documents according to style. In First International Workshop on Innovative Information Systems, 1998. 8 pages.	
D.B.		K. MOCK, An Experimental Framework for Email Categorization and Management. Proceedings of the 24th Annual International ACM SIGIR Conference, pp.392-393, 2001.	
D.B.		JOSE MARIA GOMEZ HIDALGO, Evaluating Cost-Sensitive Unsolicited Bulk Email Categorization, SAC 2002, 2002, pp. 615-620, ACM, Madrid, Spain.	
D.B.		A.Z. BRODER, et al. Syntactic Clustering of the Web. SRC Technical Note, Digital Corporation, July 25, 1997. 13 pages.	

Examiner	/Djenane Bayard/	Date	20/20/2027
Signature	1 Djonano Bayara	Considered	03/28/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application from to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitut	te for form 1449/PTO			Complete if Known		
		AL		Application Number	10/601,741	
INFO	DRMATION	N DIS	CLOSURE	Filing Date	6/23/03	
STATEMENT BY APPLICANT				First Named Inventor	Bryan T. Starbuck	
	SUPPLEMENTAL INFORMATION DISCLOSUF STATEMENT BY APPLICAN (Use as many sheets as necessary)			Art Unit	2154 Ziyl	
	losa as many sir	0013 03 11		Examiner Name	Unknown Bayard	
Sheet	5	of	5	Attorney Docket Number	MS303962.01/MSFTP438US	

	,	NON PATENT LITERATURE DOCUMENTS	,
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
D.B.		P.Y. SIMARD, et al., Using Character Recognition and Segmentation to Tell Computer from Humans. International Conference on Document Analysis and Recognition (ICDAR), IEEE Computer Society, Los Alamitos, pp. 418-423, 2003.	
D.B.		S. LI et al., Secure Human-Computer Identification against Peeping: A Survey. Technical Report, Microsoft Research, 2003. 53 pages.	
-			

Examiner	/Dianana Rayard/	Date	03/28/2007
Signature	/Djenane Bayard/	Considered	00/20/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 CFR 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

or the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/601,741				
Filing Date	June 23, 2003				
First Named Inventor	Bryan T. Starbuck, et al.				
Art Unit	2154 2141				
Examiner Name	Unknown Bayand				
Attornov Docket Number	MS303062 1/MSETP438US				

Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
D.B.		^{US-} 6,161,130	12/12/2000	Horvitz, et al.	
		^{US-} 6,023,723	02/08/2000	McCormick, et al.	
		US- 6,003,027	12/14/1999	Prager	
		^{US-} 5,835,087	11/10/1998	Herz, et al.	
		US- 5,638,487	06/10/1997	Chigier	
		^{US-} 5,619,648	04/08/1997	Canale, et al.	
		US- 5,377,354	12/27/1994	Scannel, et al.	
		us-6,192,360	2/20/2001	Dumais, et al.	
		US- 5,704,017	12/30/1997	Heckerman, et al.	
1/		US- 6,266,692	07-24-2001	Greenstein	
$ \wedge$		^{US-} 6,484,197	11-19-2002	Donohue	
-		US-			
		US-			
		US-			
	 	US-			
		US-			
	1	US-			
	1	US-			
	1	US-			

		FORE	IGN PATENT DOCU			
	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	١.
		Country Code ³ "Number ⁴ "Kind Code ³ (if known)		Or Relevant Figures Appear	T	
D.B.		EP720 333	07/03/1996	A T & T Corp.		L
D.B.		EP413 537	02/20/1991	Digital Equipment Int.		
D.B.		WO96/35994	11/14/1996	Compuserve, Inc.		L
						<u> </u>
						上
						L

Examiner Signature	/Djenane Bayard/	Date Considered	03/28/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English tanguage Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the Into collection or information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (04-03)

Approved for use through 04/30/2003. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

nd to a collection of information unless it contains a valid OMB control number.

	MCMOII ACI		Complete if Known		
for form 1449/PTO			Application Number	10/601,741	
RMATION	I DIS	CLOSURE	Filing Date	June 23, 2003	
			First Named Inventor	Bryan T. Starbuck, et al.	
			Art Unit	2154 2141	
(Use as many sh	eets as no	ecessary)	Examiner Name	Unknown Bayard	
2	of	4	Attorney Docket Number	MS303962.1/MSFTP438US	
	PRMATION TEMENT E	PRMATION DISTEMENT BY AI	PRMATION DISCLOSURE TEMENT BY APPLICANT (Use as many sheets as necessary)	PRMATION DISCLOSURE TEMENT BY APPLICANT (Use as many sheets as necessary) Application Number Filing Date First Named Inventor Art Unit Examiner Name Attorney Docket Number	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials* Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), t		T ²	
D.B.		CYNTHIA DWORK, et al.; "Pricing Via Processing or Combatting Junk Mail"; Presented at Crypto '92; pp. 1-11	
D.B.		THORSTEN JOACHIMS; "Text Categorization with Support Vector Machines: Learning with Many Relevant Features"; LS-8 Report 23, November 1997, 18 pages.	
D.B.		DAPHNE KOLLER, et al.; "Hierarchically Classifying Doucments Using Very Few Words"; In ICML-97: Proceedings of the Fourteenth International Conference on Machine Learning; San Francisco, CA: Morgan Kaufmann 1997; 9 pages	
D.B.		ELLEN SPERTUS; "Smokey: Automatic Recognition of Hostile Messages"; Proceedings of the Conference on Innovative Applications in Artificial Intelligence (IAAI), 1997, 8 pages.	
D.B.		HINRICH SCHUTZE, et al.; "A Comparison of Classifiers and Document Representations for the Routing Problem"; Proceedings of the 18th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval, Seattle, WA, July 9-13, 1995; pp. 229-237	
D.B.		YIMING YANG, et al.; "A Comparative Study on Feature Selection in Text Categorization"; School of Computer Science, Carnegie Mellon University, Pittsburgh, PA, and Verity, Inc., Sunnyvale, CA; 9 pages	
D.B.		YIMING YANG, et al.; "An Example-Based Mapping Method for Text Categorization and Retrieval"; ACM Transactions on Information Systems, Vol. 12, No. 3, July 1994, pp. 252-277.	
D.B.		DAVID D. LEWIS, et al.; "A Comparison of Two Learning Algorithms for Text Categorization"; Third Annual Symposium on Document Analysis and Information Retrieval; April 11-13, 1994; pp. 81-93.	
D.E	3.	MEHRAN SAHAMI; "Learning Limited Dependence Bayesian Classifiers"; In KDD-96: Proceedings of the Second International Conference on Knowledge Discovery and Data Mining; AAAI Press, 1996; Menlo Park, CA; pp. 335-338	
D.E	5.	WILLIAM W. COHEN; "Learning Rules that Classify E-Mail"; In the Proceedings of the 1996 AAAI Spring Symposium on Machine Learning in Information Access. Downloaded from William Cohen's web page: http://www.research.att.com/nwcohen/pubs.html	

				_
Cyaminar	/D:	Date	03/28/2007	l
Examiner	/Djenane Bayard/	Considered	03/20/2007	- 1
Signature	75,0114110 54,4141	Considered		

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 CFR 1.58. The information is required to obtain or rotain a benefit by the public which is to file (and by the USPTO This collection of Information. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete on the user of the user

PTO/SB/08B (04-03)

Approved for use through 04/30/2003. OMB 0551-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

			01 1995, 110 persons ar	o required to vedpend to	Complete if Known	7
Substitute	e for form 1449/PTO)		Application Number	10/601,741	
INFC	RMATIO	N DIS	CLOSURE	Filing Date	June 23, 2003	
STATEMENT BY APPLICANT				First Named Inventor	Bryan T. Starbuck et al.	
				Art Unit	2154 2141	
	(Use as many s	heets as n	ecessary)	Examiner Name	Unknown Biyard	
Sheet	3	of	4	Attorney Docket Number	MS303962.1/MSFTP438US	

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
D.B.		MAKOTO IWAYAMA, et al.; "Hierarchical Bayesian Clustering for Automatic Text Classifiation"; Natural Language; 1995; pp. 1322-1327.	
D.B.		DAVID D. LEWIS; "An Evaluation of Phrasal and Clustered Representations on a Text Categorization Task"; 15th Annual International SIGIR '92; Denmark 1992; pp. 37-50.	
D.B.		DAPHNE KOLLER, et al.; "Toward Optimal Feature Selection"; Machine Learning; Proc. of the Thirteenth International Conference, Morgan Kaufmann, 1996, 9 pages.	
D.B.		DAVID DOLAN LEWIS; "Representation and Learning in Information Retrieval"; University of Massachusetts, 1992	
TOM MITCHELL; "Machine Learning"; Carnegie Mellon University, Bayesian Learning, Chapter 6, pp. 180-184			
D.B.	D.B. Y. H. Li, et al.; "Classification of Text Documents"; Department of Computer Science and Engineering, Michigan State University, E. Lansing, Michigan, The Computer Journal, Vol. 41, No. 8, 1998; 537-546.		
D.B.		JUHA TAKKINEN, et al.; "CAFE: A Conceptual Model for Managing Information in Electronic Mail"; Laboratory for Intelligent Information Systems, Department of Computer and Information Science, Linkoping University, Sweden, Conference on System Sciences, 1998 IEEE	-
D D:		JACOB PALME, et al.; "Issues When Designing Filters In Messaging Systems"; Department of Computer and Systems Sciences, Stockholm University, Royal Institute of Technology, Skeppargarten 73, S-115 30, Stockholm, Sweden, Computer Communications; 1996; pp. 95-101.	
D.B.		RICHARD B. SEGAL, et al., "SwiftFile: An Intelligent Assistant for Organizing E-Mail"; IBM Thomas J. Watson Research Center	
D.B.		MEHRAN SAHAMI, et al., "A Bayesian Approach to Filtering Junk E-Mail"; Stanford University	

Г	Examiner	(D)	Date	03/28/2007
	Signature	/Djenane Bayard/	Considered	itation if not in conformance and not

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.08. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO This collection is estimated to take 120 minutes to complete, including to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

PTO/SB/08B (04-03)

Approved for use through 04/30/2003. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	e for form 1449/PTO			Complete if Known		
Substitut	18 101 10th 1445/F1O	•		Application Number	10/601,741	
INFO	DRMATIO	N DIS	CLOSURE	Filing Date	June 23, 2003	
STA	TEMENT	BY A	PPLICANT	First Named Inventor	Bryan T. Starbuck, et al.	
				Art Unit	2154 2(4)	
	(Use as many si	neets as ne	ecessary)	Examiner Name	LINKHOWIT BAYAND	
Sheet	4	of	4	Attorney Docket Number	MS303962.1/MSFTP438US	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
D.B.		DAVID MADIGAN, "Statistics and The War on Spam," Rutgers University, pp. 1-13, 2003	
D.B.		PADRAIG CUNNINGHAM, et al., "A Case-Based Approach to Spam Filtering that Can Track Concept Drift," Trinity College, Dublin, Department of Computer Science, 5/13/03	
D.B.		MARK ROSEN, "E-mail Classification in the Haystack Framework," Massachusetts Institute of Technology, February, 2003	
D.B. KEVIN R. GEE, Using Latent Semantic Indexing to Filter Spam, Dept. of Computer Science and Engineering, University of Texas-Arlington, 5 pages			
D.B.		THORSTEN JOACHIMS, Transductive Inference for Text Classification Using Support Vector Machines, In Proceedings of the 16th International Conference on Machine Learning, 1999, pp. 200-209, San Francisco, USA	

[Examiner	/Djenane Bayard/	Date	00/00/00=
1	Signature	/bjenane bayara/	Considered	03/28/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optlonal). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 CFR 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.